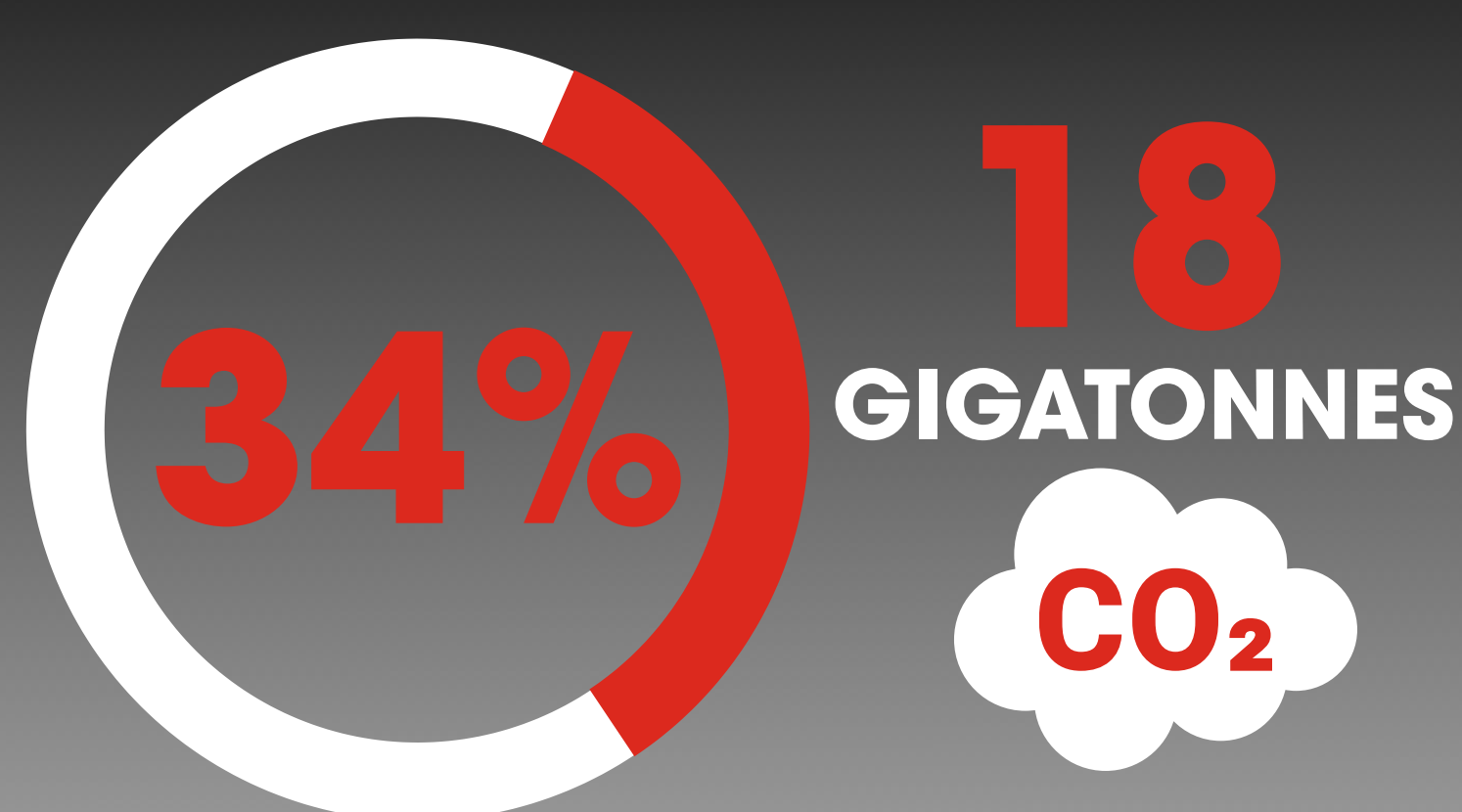


FOOD ECOSYSTEM FEEDING GLOBAL WARMING

Reduce Food Waste to Alleviate Environmental Impact

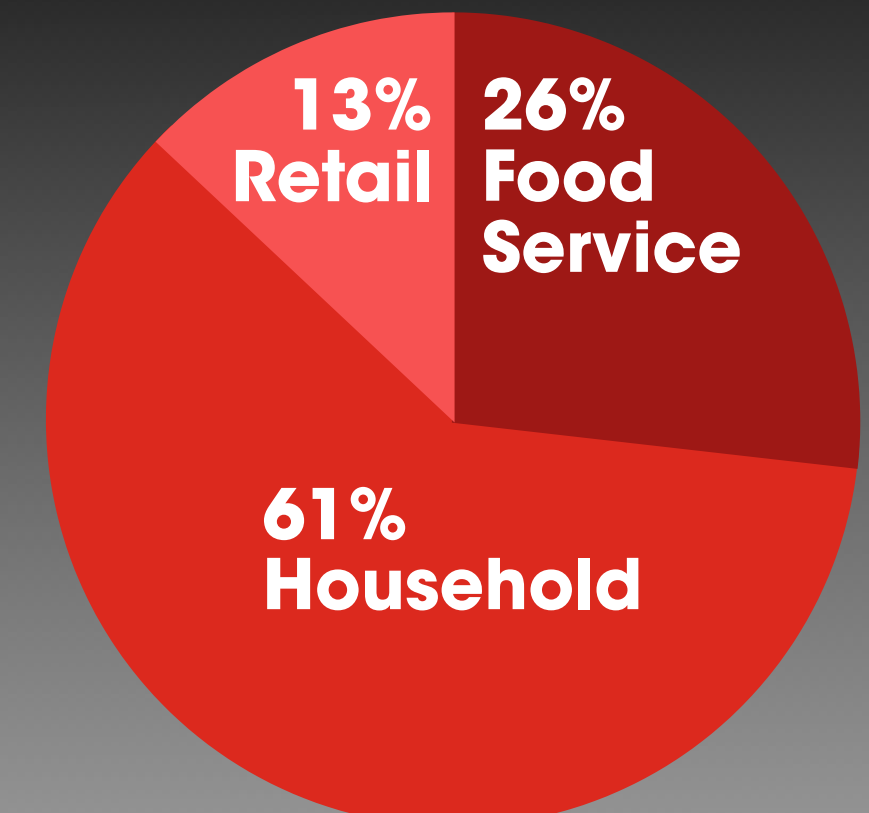
Food Ecosystem Generates
34% of Global Man-made
Greenhouse Gas Emission



1.3 bil tonnes
Global Food Produced is
Lost or Wasted Per Year

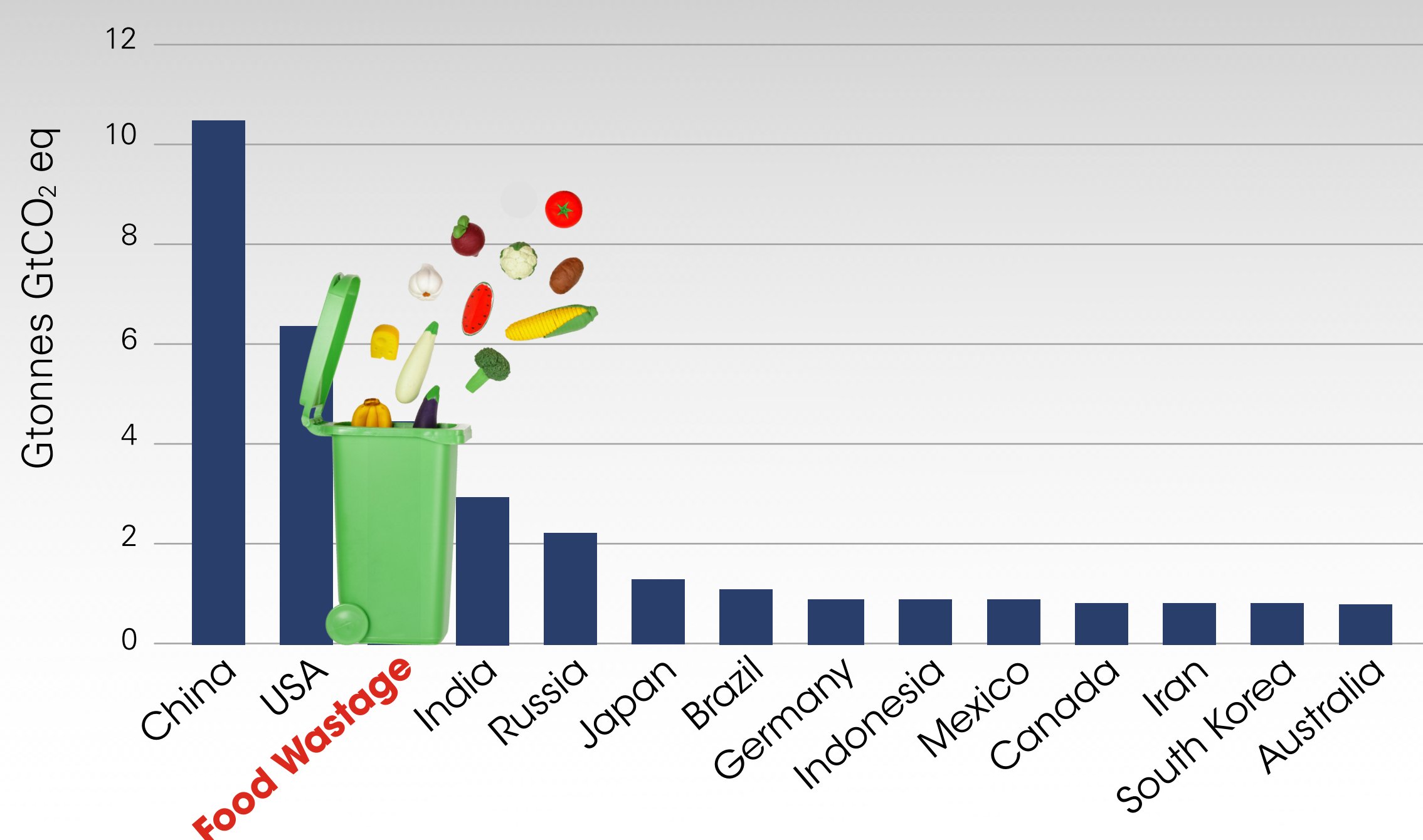


Food Waste
Accounts to
931 mil tonnes



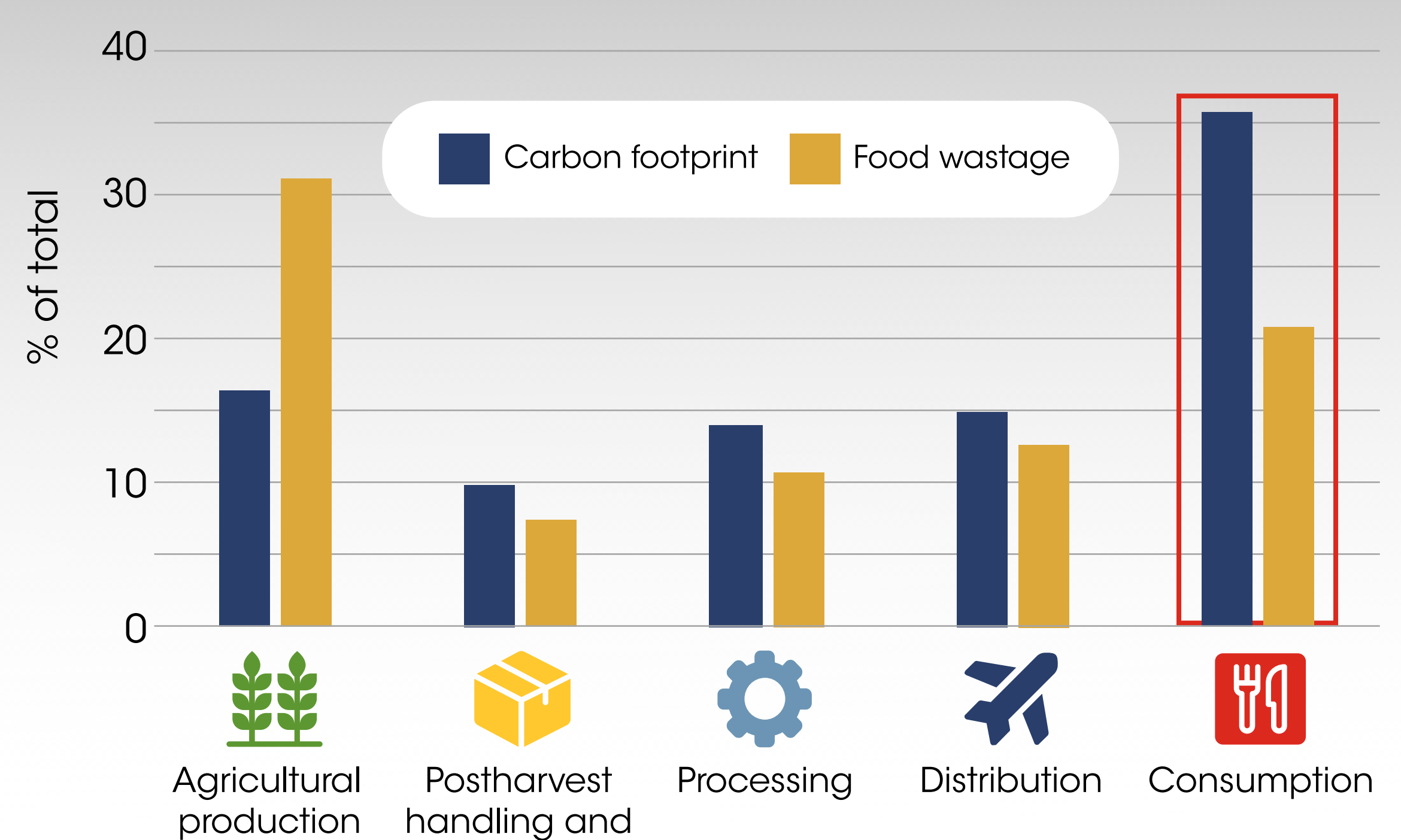
Source: Food and Agriculture Organization of the United Nations (2011)

If food wastage were a country, it would be the
3rd largest greenhouse gas emitting country
in the world.



*Data excluded Land Use, Land-Use Change and Forestry (LULUCF)
Source: WRI'S Climate Data Explorer (2011)

Within supply chain, the **consumption stage**
contributes the highest % of carbon footprint.



Source: Scialabba, Nadia. (2015). Food Wastage Footprint & Climate Change

By saving **1/4** of the food lost/waste, we could feed **870 million** hungry people globally.

Source: United Nations Environment Programme (2021)

"Study suggests that strategic efforts in terms of **shelf-life prolongation** could **address food waste**... An adoption of shelf-life solutions is not only able to **reduce economic costs** but also to the salvation of climate change."

Source: Spada, A., Conte, A., & Del Nobile, M.A. (2017)

**Reducing food
loss and waste is
critical to reach**

**SUSTAINABLE
DEVELOPMENT
GOALS**



"An ounce of prevention is worth a pound of cure" - Benjamin Franklin

COMBAT CLIMATE CHANGE - REDUCE FOOD WASTE - EXTEND SHELF LIFE

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to reach net zero by 2050.**



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